

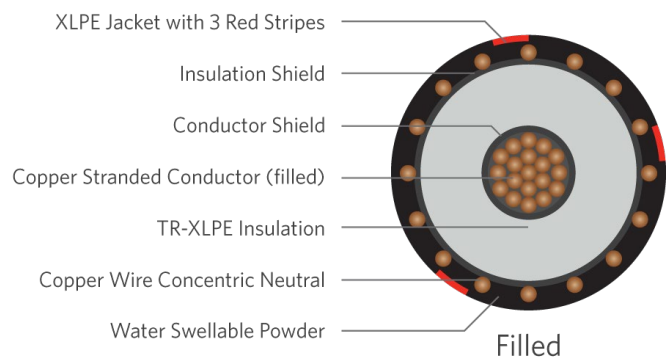
**TR-XLPE/CN/XLPE, Type Primary UD MV-105, 15kV 133%, 220-mils**  
 Part Number: E9JWM-025B01CA00

**DESCRIPTION**

The Medium Voltage Primary Underground Distribution (UD) cables consist of a copper (filled) conductor, covered with tree-retardant cross-linked polyethylene (TR- XLPE), a concentric neutral of helically applied copper wires, and a sunlight resistant cross-linked polyethylene (XLPE) jacket with 3 extruded red stripes.

**APPLICATION**

- Suitable for underground primary power applications
- For wet or dry locations
- For direct burial or in duct
- Jacket is sunlight resistant, meeting the 720-hr exposure test
- Designed to operate continuously at a conductor temperature not exceeding
  - » 90°C for normal operations
  - » 130°C for emergency overload
  - » 250°C for short circuit



**SPECIFICATIONS**

<b>Conductor</b>	Filled copper compressed lay strand
<b>Conductor Strand Shield</b>	Extruded thermoset Semi-conducting polymer
<b>Insulation</b>	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
<b>Neutral</b>	Helically applied, annealed solid bare copper wires
<b>Jacket</b>	Cross-linked Polyethylene (XLPE)

<b>Packaging</b>	Non-returnable reels ASTM B-3, B-230, B-231
<b>Performance Compliance</b>	ICEA S-94-649 AEIC CS8 UL 1072 (MV-105)

**1C 2AWG 7-wires Copper (filled), 15kV 133% 220mils TR-XLPE, (12-wires copper x 14AWG) full concentric neutral, XLPE jacket**

PART NUMBER AND PHYSICAL CHARACTERISTICS							
Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Copper Concentric Neutral	Insulation Diameter (in.)	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9JWM-025B01CA00	2	0.277	12 x 14AWG (FCN)	0.750	0.055	1.060	740

The dimensions and weights shown are nominal and subject to industry standards and manufacturing tolerances. Other designs available upon request.